

UNITED STATES MARINE CORPS
Logistics Operation School
Marine Corps Combat Service Support Schools
Training Command
PSC Box 20041
Camp Lejeune, North Carolina 28542-0041

E102

STUDENT OUTLINE

T/O&E and TAM

LEARNING OBJECTIVES

1. Terminal Learning Objective: Given the Table of Organization and Table of Equipment (T/O&E) and the references, monitor unit's T/O&E, to ensure unit resources are adequate to complete the mission.
2. Enabling Learning Objectives: Given a sample T/O&E and the references, identify the elements of the:
 - a. T/O
 - b. T/E

OUTLINE

1. TABLE OF AUTHORIZED MATERIEL (TAM)

- a. Purpose. The TAM provides logistics planning and policy for selected materiel authorized by organizations, activities, and detachments of the Marine Corps, both regular and reserve. The TAM is designed to provide general and instructions on the Joint Chiefs of Staff (JCS) configured classes of supply.
- b. Equipment Allowances. Materiel authorized for use by Marine Corps units for supply classes I, II, III, IV, and VII items. The TAM is reflected by type.

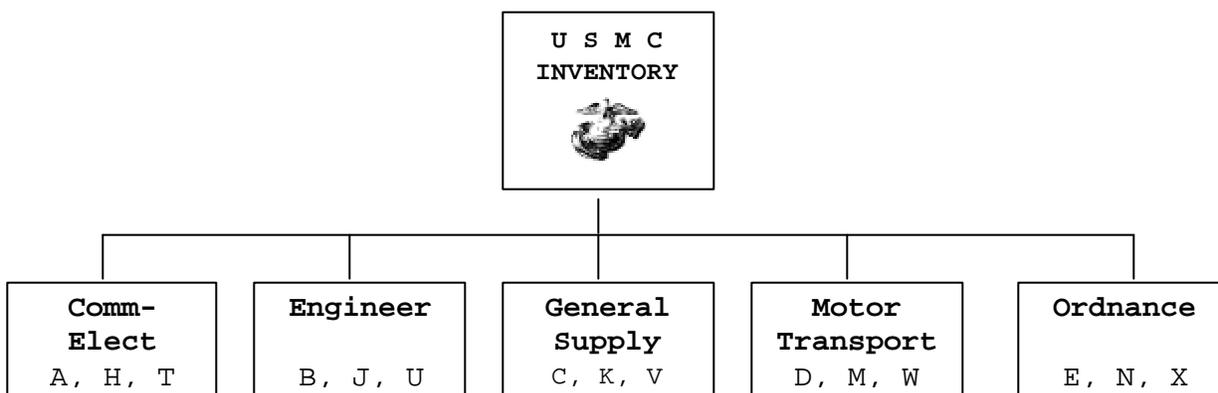
(1) Type 1 items are mandatory retention items of materiel and are found in the type 1 section of the T/O&E for each Marine Corps unit.

(2) Type 2 items are "as required" items of materiel

and are found in the type 2 section of the T/O&E.

(3) Type 3 items are those items of materiel which require special measures of control since they are used for particular conditions or situations; e.g., items which are uniquely required in cold weather or desert operations.

c. Commodity Areas. Within the general listing of Table of Authorized Materiel Control Numbers (TAMCN's) are subclassification of, materiel grouped by commodity; i.e., communications-electronics, engineer, general supply, motor transport, and ordnance. TAMCN's assigned to each of the five commodities of materiel as follows:



COMMODITY AREA	TYPE 1	TYPE 2	TYPE 3
Comm-Elect	A0001-A9999	H0001-H9999	T0001-T9999
Engineer	B0001-B9999	J0001-J9999	U0001-U9999
General Supply	C0001-C9999	K0001-K9999	V0001-V9999
Motor Transport	D0001-D9999	M0001-M9999	W0001-W9999
Ordnance	E0001-E9999	N0001-N9999	X0001-X9999

(1) For HQMC use: TAMCN's starting with F, G, Q, R, Y, and Z.

(2) Not used: TAMCN's starting with I, L, and O.

(3) Other materiel assigned control numbers as follows:

COMMODITY AREA	CONTROL NUMBERS
Susbsistence	S0001-S0999

d. TAMCN. The supply unique description within the TAM are provided.

(1) The TAMCN consists of the following three elements:

(a) Commodity designator.

(b) Item number.

(c) Class of Supply.

(2) These elements are combined in the TAMCN for example: Marine Corps Tractor, Medium, Full Tracked, D7G Caterpillar. The TAMCN is **B2462VIIB** which is Engineer equipment and it is a Type 1 item.

e. Classes of Supply. Similar to equipment, all supplies purchased and used by the Marine Corps are categorized in similar groups. The Marine Corps has 10 classes of supply that are all items necessary for the maintenance of equipment, and operation of a military command.

(1) Class I - Subsistence. Includes rations, and health and comfort items such as sundry packets. Subclassifications for class I are: A, C, R, S.

(2) Class II - Organizational Equipment and Supplies. Clothing, individual equipment, tentage, organizational tool sets, tool kits, handbooks, and administrative and housekeeping supplies and equipment. Subclassifications for class II are: B, E, F, M, and T.

(3) Class III - Petroleum, Oil, and Lubricants (POL). Petroleum, fuels lubricants, hydraulic and insulating compressed gasses, bulk chemical products coolants, deicing and antifreeze compounds, together with components and additives of such products, also coal. Subclassifications for class III are: A. The following codes are used to designate the type of fuel required: G - gasoline, D - Diesel Oil, K - Kerosene, MD - Multifuel.

(4) Class IV - Construction. Construction material, to include installed equipment and all fortification/barrier materiel. There are no subclassifications for class IV.

(5) Class V - Ammunition. All types, including chemical, radiological and special weapons, bombs explosives, mine fuzes, detonators, pyrotechnics, missiles, rockets, propellants, and other associated items. Subclassifications for class V are: A and W.

(6) Class VI - Personal Demand Items. Nonmilitary sales items such as exchange items; cigarettes, candy, soap, etc. There are no subclassifications for class VI.

(7) Class VII - Major End Items. A final combination of end products which are ready for their intended use; i.e., launchers, tanks, vehicles, mobile machine shops, etc. The subclassifications for class VII are: A, B, C, D, G, K, L, M, and N.

(8) Class VIII - Medical. Medical materials, including Medical-peculiar repair parts. There are no subclassifications for class VIII.

(9) Class IX - Repair Parts. All repair parts and components, including kits, assemblies, and subassemblies (reparable and nonreparable) required for maintenance support of all equipment. Subclassifications for class IX are the same as class VII, with the addition of T.

(10) Class X - Materiel to Support Nonmilitary Programs. Agriculture and economic development (not included in classes I through IX). There are no subclassifications for class X.

f. Subclassifications of Supply. The following provides a short description of the subclassifications listed previously and the associated footnotes.

- (1) A - Air
- (2) B - Ground Support Materiel (a)
- (3) C - Combat Rations (b)
- (4) D - Administrative Vehicles (c)

- (5) E - General Supplies
- (6) F - Clothing and Textiles
- (7) G - Electronics
- (8) K - Tactical Vehicles
- (9) L - Missiles
- (10) M - Weapons
- (11) N - Special Weapons
- (12) R - Refrigerated Subsistence
- (13) S - Nonrefrigerated Subsistence (Less Combat Rations)
- (14) T - Industrial Supplies (d)
- (15) W - Ground (Surface)

(a) Includes power generators construction, barrier, bridging, firefighting, petroleum, and mapping equipment.

(b) Includes gratuitous health and welfare items.

(c) Commercial vehicles used in administrative motor pools.

(d) Includes bearing, block and tackle, cable, chain, wire rope, screws, bolts, studs, steel rods, plates, and bars.

g. Logistics Management Information System (LMIS). Is a HQMC, electronic database which provides logistical and statistical information. This system is the source of which the TAM is produced.

h. Stores Account Code (SAC). This code is used to differentiate between appropriation-financed principal items, appropriation-financed secondary items, and stock fund items. The Stock Fund Account (SFA) and the Appropriation Stores Account (ASA). This is a one-digit code.

(1) SAC 1 (Unit). Minor end items, repair parts, and individual clothing which are financed through the Navy Working Capital Fund (NWCF) and are the budget responsibility of the customer.

(2) SAC 2 (MCLB Albany). ASA secondary items which are financed through appropriations other than the Department of Navy (DON) Stock Fund (Marine Corps Division) and not the customer's budget responsibility. Includes modification kits, end items not classified as principal end item's (PEI's).

(3) SAC 3 (HQMC). ASA PEI's of major importance and major components which require detailed analysis and examination. SAC 3 items are financed through appropriations other than the DON Stock Fund (Marine Corps Division) and not the customer's budget responsibility. Generally selected as principal items on the basis of military combat or training essentiality, considering also the difficulty of procurement or production and criticality, of basic materials or components.

2. TABLE OF ORGANIZATION (T/O)

a. Purpose. To provide information on a unit strength, weapons, and mission of the unit.

b. Content. A T/O is published for every type of unit in the Marine Corps. The T/O is broken down into three parts; the first part is the unit mission statement (cover letter), the second part a T/O checklist, and the third part is a recapitulation by MOS.

(1) T/O Cover Letter. An overview of the units objectives. The T/O cover letter is broken down into five categories: primary mission, concept of organization, concept of employment, administrative capabilities, and logistic capabilities.

(a) Statements of Importance to MMO's

1. Primary Mission. Identifies tasks the unit must be capable of accomplishing under combat conditions.

2. Concept of Employment. Identifies the basic methods from which the unit must operate.

3. Logistic Capabilities. Identifies the echelons of maintenance the unit is authorized to perform on each commodity of equipment.

(2) T/O Checklist

(a) Line Number

1. Used on T/O modification requests.
2. Used on fitness reports.

(b) Billet Description. Proper title of each billet.

(c) Grade. Preferred rank of individual to man the billet. Used for planning purposes only. Can normally be manned one rank above or below the T/O grade.

(d) MOS. MOS of the individual required to man the billet. Very important in the case of mechanics and technicians.

(e) Branch. Identifies the branch of service.

(f) Type. Differentiates officer, enlisted, and civilian billets.

(g) Officer/Enlisted. Identifies the number of officer and enlisted personnel required to man each billet.

(h) Individual Weapons. Listed at end of breakout by billet description section. Provides the allowances for individual weapons for the unit.

(3) Recap by MOS Section. Provides a summarization of personnel authorized by MOS and grade.

3. TABLE OF EQUIPMENT (T/E)

a. Purpose. A listing of equipment, in TAMCN sequence, which a specific unit is authorized and required to possess to accomplish it's required mission. Unit supply records such as the Mechanized Allowance List (MAL) should be updated quarterly to reflect the current equipment authorized quantities.

b. Cover Letter Information. Every unit within the Marine Corps that is authorized to maintain allowance equipment is assigned a T/E number. The cover letter provides information on that respective unit's T/E designator with the subordinate

or corresponding organizations covered within the T/E. The cover letter should at a minimum highlight:

- (1) T/E Number
- (2) Unit Identification
- (3) T/E Sections (i.e. Type 1 and Type 2 Equipment Sections)
- (4) Column Information Details
- (5) Planning Information Details
- (6) Responsibilities of Commanding Officers

c. Allowance sections. Following the cover letter of the T/E are separate listings of the Type 1 and Type 2 equipment. The first section following the cover letter lists all Type 1 items, which are required to be on hand or valid requisition, by the owning unit. The next section lists all Type 2 items, which are those items that are on an as-required basis by the force commander.

(1) Type 1 Allowances. Type 1 combat allowances prescribe the amount of each item necessary to support the unit under all anticipated combat conditions other than arctic and desert. Type 1 items are **required** to be on hand or on order, by the owning unit.

(2) Type 2 Allowances. The type 2 section provides allowance information which will enable the supply to respond more readily to wartime activation requirements, to establish a material base from which to expand, and to provide the commander with guidance predicated on experience factors relative to required quantities of type 2 items. Type 2 items which are those items that are on an **as-required basis** by the force commander. Such allowances are based on mission and geographical location.

(3) Type 3 Allowances. The items of material which require special measures of control since they are issued for particular conditions or situations (i.e., items uniquely required for cold weather or desert items). Type 3 items are not normally listed in a T/E of FMF organizations because these items are only required on a temporary basis and are returned to supply at the completion of the operation.

d. Format. The following information is contained in each of the T/E sections:

(1) TAMCN. The T/E is in TAMCN sequence.

(2) Nomenclature. Provides the noun name and model of the item.

(3) Unit of Issue (U/I). Provides the U/I of the item.

This U/I is used for accounting within the T/E only. Use the unit of issue from the management data list or SASSY Master Header Information File (MHIF) for requisitioning.

(4) Allowance Columns. Provides the allowance of each item for each unit and all subordinate units organized under the same T/E. An example is an infantry battalion that has several subordinate companies within the command. The allowances for the Headquarters and Service Company, Weapons Company, and the Rifle Companies are also listed within the Infantry Battalion T/E.

(a) T/E Allowances. Identifies the quantity of equipment authorized for each unit organized by T/E. Subordinate units will also have authorized allowances they will also have a T/E number assigned to the command and be included under the same T/E series. For example, an infantry battalion will have a N-series T/E assigned. However, allowances are already established for the battalion's Headquarters and Service Company, Weapons Company, and the three Rifle Companies assigned to it. Their respective T/E numbers will be identified on the battalion's T/E and the quantities will also be listed.

(b) Per Individual. Assigned allowances for equipment normally issued to every individual stated in the Table of Organization for the unit (i.e. 782 gear).

(c) Planned Allowance. Allowance increases that are projected in the future in order for the unit to plan for new equipment fielding. **A Planned Allowance is not an authorized allowance.** It merely represents a projected delivery schedule for equipment being introduced/fielded to the Marine Corps.

(d) As Per T/O. Assigned allowances for equipment based on billet assignment as stated in the Table of Organization for the unit (i.e., individual weapons).

REFERENCES:

1. MCO P4400.150E
2. NAVMC 1017
3. T/O 10965F
4. T/E N1121